European
Commission

eTrustEx

eTrustEx is an open-source platform offered to Public Administrations at European, national and regional level to set up secure exchange of any type of data between end-users or system-to-system.
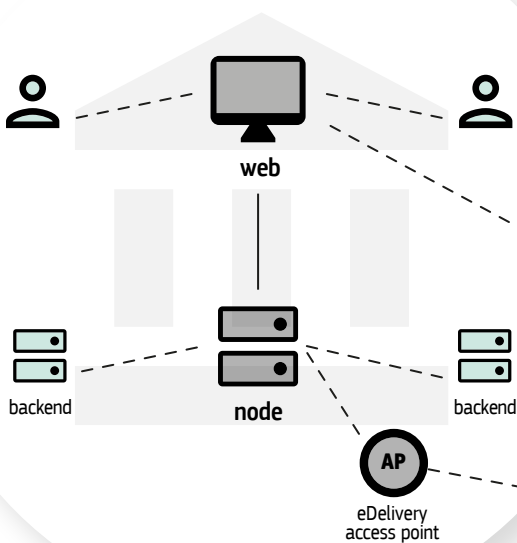
Exchange files in a secure way

with **end-users**
via eTrustEx Web

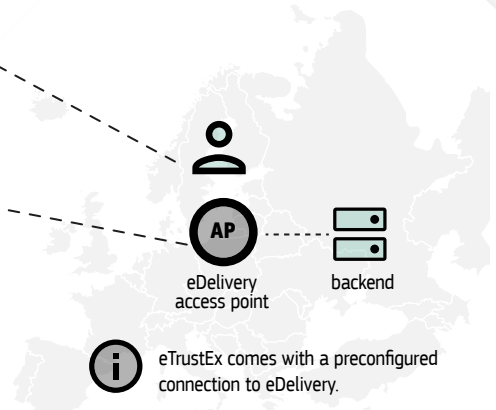**machine-to-machine**
via eTrustEx Node

Several configurations are possible

✓ An end-user sends messages to another end-user

✓ An end-user sends messages to a system on the recipient side

✓ Messages are exchanged between backend systems within your organisation or with external entities using networks such as eDelivery

Within your organisation

web

backend

node

backend

AP

eDelivery
access point

AP

eDelivery
access point

backend

With external entities

ⓘ eTrustEx comes with a preconfigured connection to eDelivery.

Learn more about eDelivery on CEF Digital

Isa²

Who can use eTrustEx?

eTrustEx can be used by European public administrations that need to exchange electronically any type of data with other entities in any policy domain, in a secure way.

What are the benefits?

- ✓ **Reusable** and **customisable** cross-sector and **open-source** platform.

- ✓ It uses **standardised** messaging protocols and interfaces (interoperable).

- ✓ It ensures a **secure** and **trusted** exchange of data/documents (integrity, authenticity, confidentiality)

- ✓ Users can send files **up to 5 GB** (up to 500 documents of and up to 100MB per file)

- ✓ It is **proven** and **tested**: eTrustEx has been used by the European Commission since 2009.

eTrustEx offers a set of basic pre-processing capabilities

Web

User-friendly interface	End to End Integrity
End to End Encryption	Message Signature
Notifications	Customisable

Node

| Schema validation | Business rules validation |

Routing according to specific criteria

Rendering of information to human readable format and archiving

more than
2.1M **exchanged messages between**
European Commission, EU Council and the Member States

6 300 private companies
have exchanged around 6.7M messages with the European Institutions

How to get started?

- **go to**
https://joinup.ec.europa.eu/collection/e-trustex
and **download the source code**

- **read** the e-TrustEx
documentation on Joinup

- **need to contact** us?
EC-ETRUSTEX-SUPPORT@ec.europa.eu